

ABSTRACT OF THE DISCLOSURE

A video encoding apparatus comprising a feature  
amount computation section which divides an input video  
signal into a plurality of scenes each comprising at  
5 least one temporally-continuous frame, and compute a  
statistical feature amount for each scene, an encoding  
parameter generator section which generates an encoding  
parameter for each scene based on the statistical  
feature amount, a number-of-generated-bits prediction  
10 section which predicts the number of bits to be  
generated when the input video signal is encoded using  
the encoding parameter, an encoding parameter  
correcting section which corrects the encoding  
parameter based on a result of the prediction of the  
15 number of generated bits, an encoder section which  
encodes the input video signal using the corrected  
encoding parameter.

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